

Manufacturer	Xiong chuang lian Electronics Co.,Ltd
Address	4th Floor, Building 3, Yungu Industrial Park, No. 5 Yungu Street, Xikeng Village, Yuanshan Subdistrict, Longgang District, Shenzhen City, Guangdong Province
Model	R001
Antenna type	External antenna
Antenna Gain	2.00dBi for 2.4G

1.Test equipment and conditions:

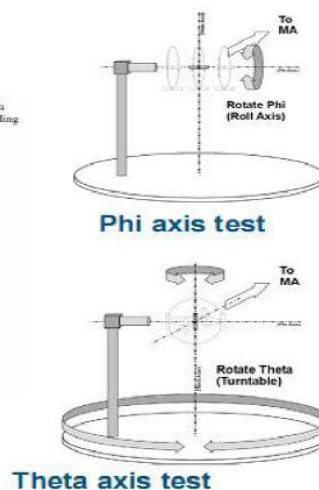
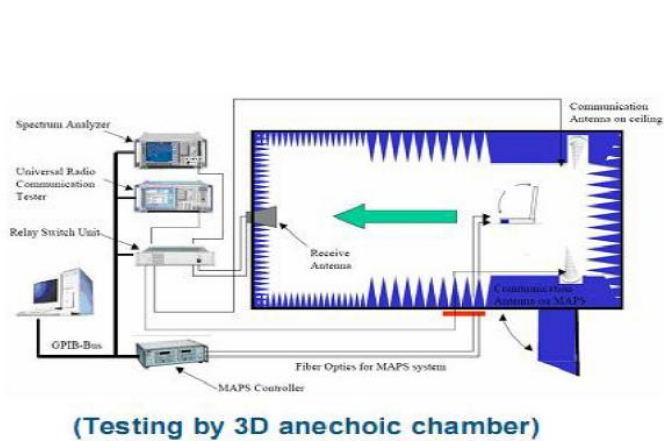
1.1.Network Analyzer

Agilent 8753D Agilent 5071B

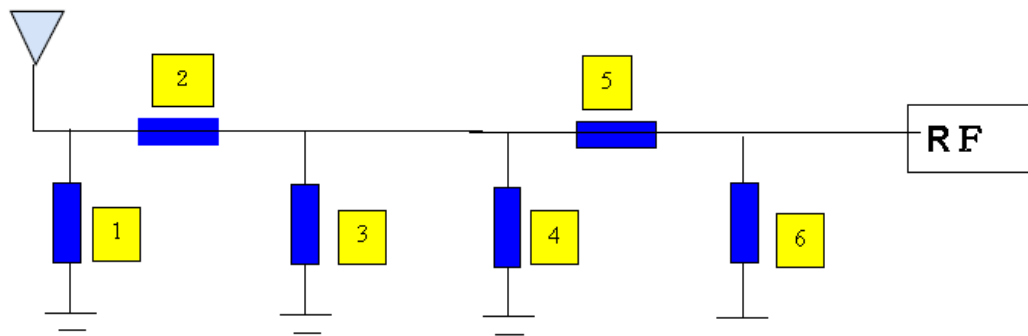
1.2.Communication test equipment

Agilent E5515C R&S CMW500

1.3.Test system

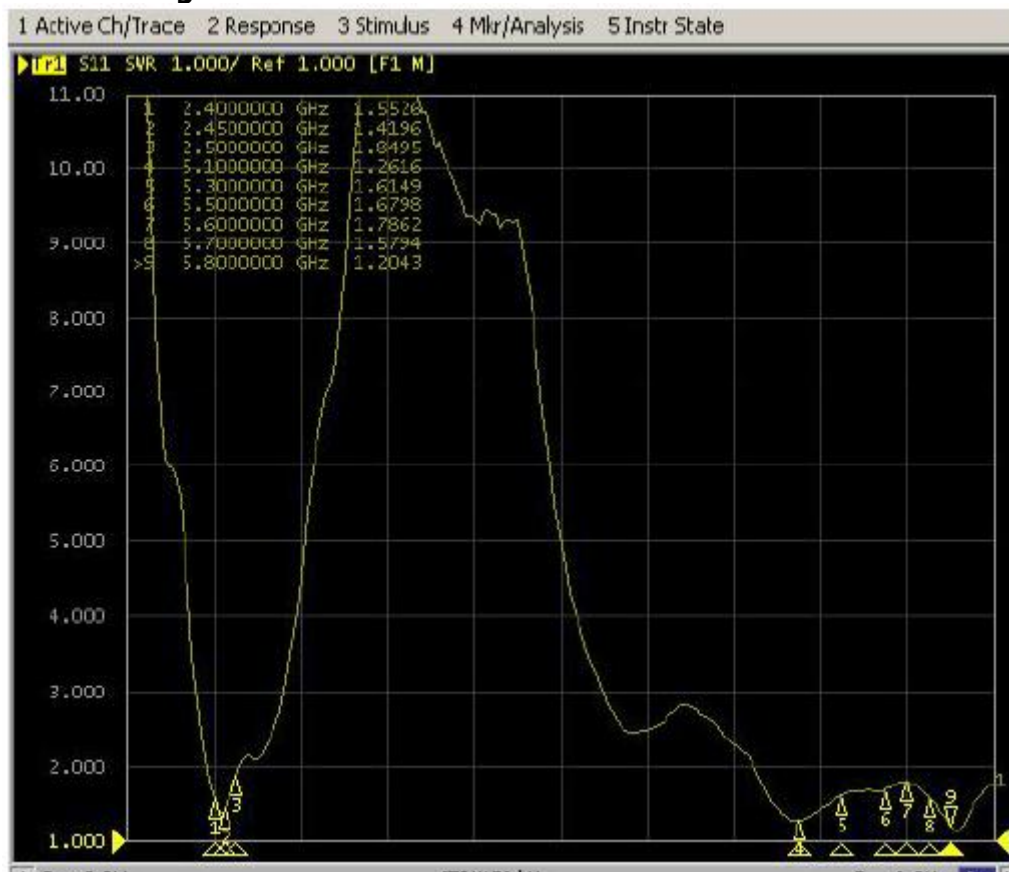


1.4. Matching circuit



2. Test Data:

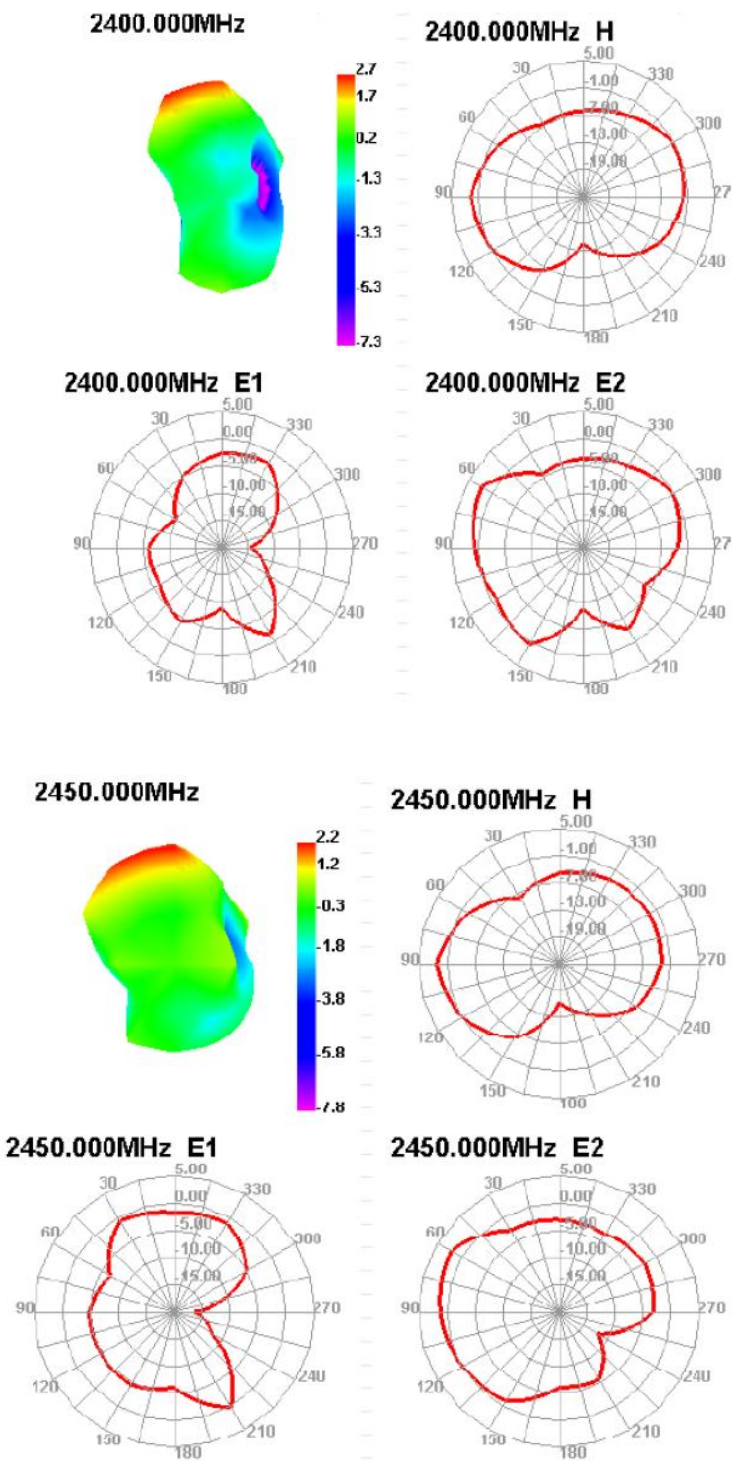
2.1. Standing wave ratio

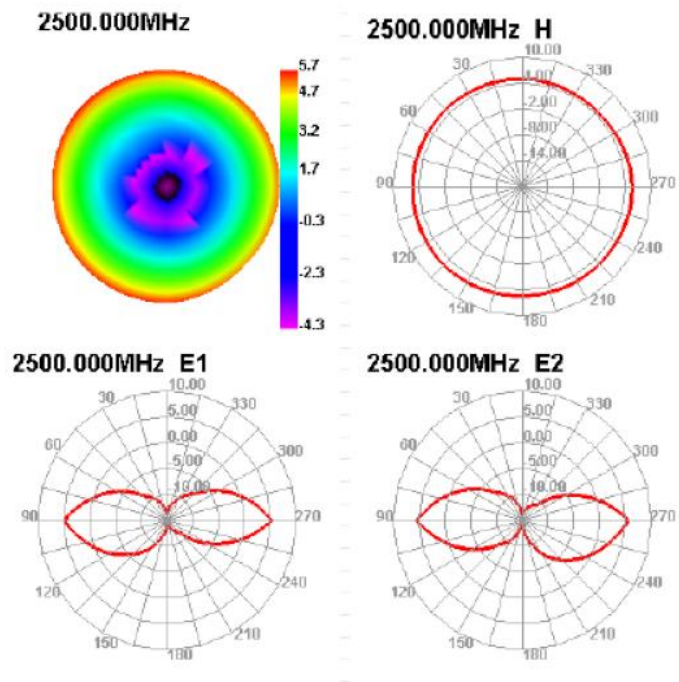


2.2.Efficiency

Fred (MHz)	Effi (%)	Effi (%)	Gain (dBi)
2400	44.38	-2.79	1.82
2410	44.63	-2.46	1.01
2420	44.94	-2.12	1.78
2430	44.27	-2.70	1.63
2440	44.75	-2.39	2.00
2450	44.82	-1.83	1.84
2460	44.28	-2.63	1.14
2470	44.49	-2.34	1.96
2480	45.08	-2.23	1.87
2490	44.21	-2.68	1.55
2500	44.46	-2.32	1.99

2.3.Directivity diagram





3. Antenna drawing:

